

April 9, 2012

US EPA Region 10 Director, Office of Compliance & Enforcement 1200 Sixth Avenue, OCE-133 Seattle, Washington 98101



RE: NPDES # WA-002666-2, MONTHLY REPORT - MARCH, 2012 - ELWHA WATER TREATMENT PLANT

Attn: PCS Data Entry Team

Enclosed is the monthly Discharge Monitoring Report (DMR) for the Elwha Water Treatment Plant (Port Angeles, WA), for the month of March, 2012. The report is being submitted by Veolia Water North America (VWNA) Operating Services on behalf of the US Department of Interior, Bureau of Reclamation.

I have also resubmitted the DMR and data sheet for February, 2012. A small error was discovered and corrected in the reported influent mass loading for TSS (over 50 NTU).

Copies have been submitted to the Washington DOE.

Please contact me if there are any questions or comments regarding the enclosed Forms and report.

Sincerely,

Michael S Greene District Manager

CC:

Richard Bauman, BOR Tracy Gilchrist, NPS Jeff Bohman, NPS Tom Hubbard, VWNA Chet Epperson, VWNA

Enclosures:

- DMR, March, 2012; EPA Form 3320-1 (4 pages)
- Table of values & mass limits for turbidity over 50 NTU
- Corrected DMR and data table for February 2012

VEOLIA WATER NORTH AMERICA PO BOX 90578 Henderson, NV 89009 Tel 702-566-6001 / Fax 702-566-9030 www.Veoliawaterna.com



(Include Facility Name/Location if different)

Port Angeles WA 98362-3613

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

	US Department of Interior	(2-16)
NAME	Bureau of Reclamation	WA-002666-2
ADDRESS	826 East Front Street, Suite A	PERMIT NUMBER

001
DISCHARGE NUMBER

Sedimentation Plant (non-wastewater)

Influent and effluent flows and other parameters are averaged for days that discharges occurred.

FACILITY Elwha Water Treatment Plant LOCATION Elwha River/Lat: 48° 10' 10" N./Long: 123° 33' 7" W.

	MONITORING PERIOD												
ROM	YEAR	MO	DAY	TO	YEAR	MO	DAY						
	2012	03	01		2012	03	31						
_	(20-21)	(22-23)	(24-25)	9	(26-27)	(28-29)	(30-31)						

PARAMETER (32-37)		(3 Card Only) QUANT	TTY OR LOADING		(4 Card Only)	QUALITY OR CONCE	NTRATION		NO. EX	FREQUENCY OF	SAMPLE TYPE
		(46-53)	(54-61)		(38-45)	(46-53)	(54-61)			ANALYSIS	
		AVERAGE MONTHLY	MAXIMUM DAILY	UNITS	MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY	UNITS	(62-63)	(64-68)	(69-70)
Flow	SAMPLE MEASUREMENT	44.9	51.2		****	*****	*****		0	continuous	recordin
Influent [0056 7 0 0]	PERMIT REQUIREMENT	Report	Report	CFS						Continuous	Recordin
Flow	SAMPLE MEASUREMENT	1.2	3.8		******	准收率申申申	*****		0	continuous	recordin
Effluent [0056 1 0 0]	PERMIT REQUIREMENT	Report	Report	CFS						Continuous	Recordi
Turbidity	SAMPLE MEASUREMENT	南京市市市市	水准车水水车市		市市市市市市市	295	1392		0	continuous	recordin
Influent [00070 7 0 0]	PERMIT REQUIREMENT					Report	Report	NTU		Continuous	Recordi
pН	SAMPLE MEASUREMENT	专班市市市市	*****		非非非非非非	7.8	8.0		0	daily	grab
Influent [00400 7 0 0]	PERMIT REQUIREMENT					6.5 - 8.5	8.5	s.u.		5/ week	Grab
pН	SAMPLE MEASUREMENT	*****	非常非常非常		*****	7.7	8.0		0	daily	grab
Effluent [00400 1 0 0]	PERMIT REQUIREMENT					6.5 - 8.5	8.5	s.u.		5/ week	Grab
Temperature	SAMPLE MEASUREMENT	班班市班班市	准准张准本准准		*****	4.3	5.5		0	daily	grab
Influent [00010 7 0 0]	PERMIT REQUIREMENT					Report	Report	°C		5/Week	Grab
Temperature	SAMPLE MEASUREMENT	****	*****		*****	4.5	5.6		0	daily	grab
Effluent [00010 1 0 0]	PERMIT REQUIREMENT					Report	Report			5/Week	Grab
AME/TITLE PRINCIPAL EXECUTIVE OFFI Michael S Greene, PE Project/Plant Manager, Veolia Water N	PREPARED UND DESIGNED TO A EVALUATE THE PERSONS WHO	ER PENALTY OF LAW THA DER MY DIRECTION OR SUI ASSURE THAT QUALIFIED I EINFORMATION SUBMITTI MANAGE THE SYSTEM, OF IE INFORMATION, THE INFO	PERVISION IN ACCORDA PERSONNEL PROPERLY ED. BASED ON MY INQU THOSE PERSONS DIRECT	NCE WITH A GATHER AN URY OF THE CTLY RESPO	A SYSTEM D PERSON OR INSIBLE FOR	MISS-	360	TELEPHO 4	ONE 17-1180	2012	DATE 4 0

America Operating Services TYPED OR PRINTED

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NUMBER AREA MO SIGNATURE OF PRINCIPAL EXECUTIVE YEAR DAY OFFICER OR AUTHORIZED AGENT CODE

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Computer Reproduction EPA Form 3320-1

U.S. EFA REGION 10 DEFICE OF COMPLIANCE AND ENFORCEMENT

Page 1 of 4

(Include racility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

	US Department of Interior
NAME	Bureau of Reclamation
ADDRESS	826 East Front Street, Suite A

Port Angeles WA 98362-3613

(2-16) WA-002666-2 PERMIT NUMBER (17-19) 001 DISCHARGE NUMBER

Sedimentation Plant (non-wastewater)

FACILITY Elwha Water Treatment Plant
LOCATION Elwha River/ Lat: 48°10' 10" N./Long: 123° 33' 7" W.

	MONITORING PERIOD													
ROM	YEAR	MO	DAY	TO	YEAR	MO	DAY							
	2012	03	01		2012	03	31							
_	(20-21)	(22-23)	(24-25)	<u> </u>	(26-27)	(28-29)	(30-31)							

PARAMETER (32-37)		(3 Card Only) QUANT	TITY OR LOADING		(4 Card Only) (38-45)	QUALITY OR CONCE	NTRATION (54-61)		NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE MONTHLY	MAXIMUM DAILY UNITS		MINIMUM	AVERAGE MONTHLY	MAXIMUM DAILY	UNITS	(62-63)	(64-68)	(69-70)
Fecal Coliform	SAMPLE MEASUREMENT	华华华市市市	*****		*****	3	5		0	10/Mo	grab
Influent [31625 7 0 0]	PERMIT REQUIREMENT					Report	Report	#/100 ml		10/Month	Grab
Fecal Coliform	SAMPLE MEASUREMENT	非非非非非非	李班李章帝李章		*****	7.5	13		0	10/Mo	grab
Effluent [31625 1 0 0]	PERMIT REQUIREMENT	Accessed the second				Report	Report	#/100 ml		10/Month	Grab
Total Suspended Solids Influent	SAMPLE MEASUREMENT	66,490	338,396		*****	270.8	1317.5		0		
Daily Average Influent Turbidity > 50 NTU	PERMIT REQUIREMENT	Report	See I.B.3 & I.B.4	Lb/Day		Report	Report	mg/L		Daily	24-Hr composite
Total Suspended Solids Effluent	SAMPLE MEASUREMENT	29,821	152,498		*****	4,332	23,125		0		
Daily Average Influent Turbidity > 50 NTU	PERMIT REQUIREMENT	204,570	1,190,010	Lb/Day		Report	Report	mg/L		Daily	24-Hr composite
Total Suspended Solids Influent [00530 7 0 0]	SAMPLE MEASUREMENT	No readings<50	No readings<50		班班标准专项	No readings<50	No readings<50		0	Day of discharge	comp
Daily Average Influent Turbidity < 50 NTU	PERMIT REQUIREMENT	Report	22	#/CFS River	-	Report	Report	mg/L		Daily	24-Hr composite
Total Suspended Solids Effluent 00530 P 0 0]	SAMPLE MEASUREMENT	No readings<50	No readings<50		乘班乘乘乘乘乘	No readings<50	No readings<50		0	Day of discharge	comp
Daily Average Influent Turbidity ≤ 50 NTU	PERMIT REQUIREMENT	Report	22	#/CFS River		Report	Report	mg/L		Daily	24-Hr composite
Settleable Solids	SAMPLE MEASUREMENT	水水水水水水	******		*****	≤1.0	≤1.0		0	1/month	comp
Influent [00545 7 0 0]	PERMIT REQUIREMENT]		Report	Report	ml/L		1/month	24-Hr composite
NAME/TITLE PRINCIPAL EXECUTIVE OFFICE	PREPARED UND	ER PENALTY OF LAW THA ER MY DIRECTION OR SUI SSURE THAT QUALIFIED I	PERVISION IN ACCORDA	ANCE WITH	A SYSTEM	1.	7	TELEPHO	NE .		DATE
Michael S Greene, PE Project/Plant Manager, Veolia Water N. America Operating Services	EVALUATE THE PERSONS WHO !	INFORMATION SUBMITTI MANAGE THE SYSTEM, OF E INFORMATION, THE INF	ED. BASED ON MY INQUESTIONS DIRE	JRY OF THE	PERSON OR INSIBLE FOR	What hay	360		7-1180	2012	04 09
TYPED OR PRINTED	ARE SIGNIFICAN	ND BELIEF, TRUE, ACCUR. NT PENALTIES FOR SUBMI FINE AND IMPRISONMEN	TTING FALSE INFORMA	TION INCLU	THAT THERE	OFFICER OF PRINCIPAL			UMBER	YEAR	MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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OFFICE OF COMPLIANCE AND ENFORCEMENT

Page 2 of 4

DMR-NPDES_ELWHA_MAR-2012

(Include Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

	US Department of Interior				0	2-16)				(17-19)							
NAME	Bureau of Reclamation				WA-(002666-2				001		Sedim	entation	Plant	(non-waste	water)
ADDRESS	826 East Front Street, Suite A	\	***************************************		PERMIT	T NUMBER			DISCI	HARGE NU	MBER						
	Port Angeles WA 98362-3613	3															
							MONITO	RING	PERIOD								
FACILITY	Elwha Water Treatment Plan	nt		FROM	YEAR	MO	DAY	ТО	YEAR	MO	DAY						
	N Elwha River/ Lat: 48° 10' 10	111	v 7" W		2012	03	01		2012	03	31						
2001110	· Millian Martely Editi to 10 10	. The Edition of	2 1 111		(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)						
	PARAMETER	T								A 2000				NO.	FREQUENCY	SA	MPLE
	(32-37)		(3 Card Only) QUAN	TITY OR L	OADING		(4 Card Only)		QUALITY	OR CONC	ENTRATION			EX	OF	1	TYPE
			(46-53)		(4-61)		(38-45)		(46		(54-6	f			ANALYSIS		
			AVERAGE MONTHLY		UM DAILY	UNITS	MINIMU		AVERAGE ?		MAXIMUM	DAILY	UNITS	(62-63)	(64-68)	0	69-70)
	Settleable Solids	SAMPLE MEASUREMENT	非非非非非非	車車	李班辛安培		****	OR .	25	.3	36			0	1/month	0	comp
Е	ffluent [00545 1 0 0]	PERMIT REQUIREMENT							Rep	ort	Repo	rt	ml/L		1/month		24-Hr mposite
	BOD ₅	SAMPLE MEASUREMENT	水水水水水水油	**	****		****	sht .	3.4	4	3.4			0	1/month	-	comp
E	ffluent [00310 1 0 0]	PERMIT REQUIREMENT							Rep	ort	Repo	rt	mg/L		1/month		24-Hr nposite
	Alkalinity	SAMPLE MEASUREMENT	******	非非	***		*****	*	55.	.2	70		mg/L	0	daily	C	comp
H	Effluent [0410 1 0 0]	PERMIT REQUIREMENT							Rep	ort	Repo	rt	as CaCO ₃		1/month	24 F	Hr comp
T	otal Dissolved Solids	SAMPLE MEASUREMENT	非非杂杂杂辛辛	**	****		****	*	95	5	170.	5		0	4/month	c	comp
Ir	fluent [70295 7 0 0]	PERMIT REQUIREMENT							Rep	ort	Repo	rt	mg/L		1/month	1,573	24-Hr nposite
T	otal Dissolved Solids	SAMPLE MEASUREMENT	非非非非非非	**	****		非专业非专业	*	196	.6	487.)		0	4/month	-	comp
Е	ffluent [70295 1 0 0]	PERMIT REQUIREMENT						,	Rep	ort	Repo	rt	mg/L		1/month		4-Hr nposite
	Total Aluminum	SAMPLE MEASUREMENT	642.9	6	42.9		****	de .	2.5	5	2.5			0	1/month	_	comp
Ir	fluent [01105 7 0 0]	PERMIT REQUIREMENT	Report	Re	eport	lb/Day			Rep	ort	Repo	rt	mg/L		1/month	1 100000	4-Hr nposite
	Total Aluminum	SAMPLE MEASUREMENT	111.8	1	11.8		*****	*	20.	0	20.0			0	1/month	-	comp
Е	ffluent [01105 1 0 0]	PERMIT REQUIREMENT	Report	Re	eport	lb/Day			Rep	ort	Repo	rt	mg/L		1/month		4-Hr nposite
NAME/TITL	E PRINCIPAL EXECUTIVE OFFICE	PREPARED UNI	ER PENALTY OF LAW THA DER MY DIRECTION OR SU ASSURE THAT QUALIFIED	PERVISION	IN ACCORDA	ANCE WITH	A SYSTEM	E		11	1/					7.833	
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Page 3 of 4

(Include Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

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US Department o	f Interior		112	(2-16)		-10		(17-19)							
NAME Bureau of Reclan	nation			WA-0	002666-2				001		Sedim	entation	Plant	(non-waste	water)
ADDRESS 826 East Front St	reet, Suite A			PERMI	T NUMBER			DISCI	HARGE NUM	MBER						
Port Angeles WA	98362-3613	-					1									
						MONITO	DRING I	PERIOD								
FACILITY Elwha Water Tre	eatment Plant		FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY						
LOCATION Elwha River/ La	nt: 48° 10° 10" N/Long: 123° 33	3' 7" W.		2012	03	01	1	2012	03	31						
		N N MINES		(20-21)	(22-23)	(24-25)	1	(26-27)	(28-29)	(30-31)						
PARAMETER (32-37)		(3 Card Only) QUAN	TITY OR L	DADING		(4 Card Only)	OUALITY	OR CONCE	NTRATION			NO.	FREQUENCY	Si	AMPLE
(*****)		(46-53)		4-61)		(38-4		(46-		(54-	611		EX	OF ANALYSIS	1	TYPE
		AVERAGE MONTHLY		UM DAILY	UNITS	MINIM	·	AVERAGE 1	-	MAXIMUI		UNITS	(62-63)	(64-68)		(69-70)
Dissolved Oxygen	SAMPLE MEASUREMENT	*******		市市市市		****	Territoria de la compansión de la compan	10		12			0	DAILY		grab
Influent [00300 7 0 0					1			Rep	ort	Rep	ort	mg/L		1/Month	+	Grab
	SAMPLE															
	MEASUREMENT PERMIT REQUIREMENT				1								\vdash		+	
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Michael S Greene,		ASSURE THAT QUALIFIED EINFORMATION SUBMITT						1/1/	///		360	TELEPHO	I7-1180	2012	DATE 04	09
Project/Plant Manager, Veo	PERSONS WHO	MANAGE THE SYSTEM, O	R THOSE P	ERSONS DIRE	CTLY RESPO	ONSIBLE FOR	1	1/4/	11.1		300	-	17-1100	2012	04	09
America Operating Se		E INFORMATION, THE IN	ORMATIO	N SUBMITTED	IS, TO THE	BEST OF MY	10.	1	1							
TYPED OR PRINTE	D KNOWLEDGE A ARE SIGNIFICAL	ND BELIEF, TRUE, ACCUR NT PENALTIES FOR SUBM	ITTING FAI	SE INFORMA	TION, INCLI			ONATURE OF OFFICER OR			ARE/		UMBER	YEAR	МО	DAY
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Page 4 of 4

ELWHA_MARCH 2012 - WA-002666-2

INFLUENT TURBIDITY ABOVE 50 NTU

Day	Influent Turbidity - 13	Flow, Daily, Influent 40 MGD	flow/daily, at outfall 3078	flow/daily at outfall cal CFS	River Flow, 1	TSS Influent, 8 mg/L	TSS Influent Mass_Calc Lbs/Day	TSS Effluent 5002 mg/L	TSS Effluent Mass_Calc Lbs/Day	Mass Limit_calc
3/1/2012	76.00	30.2	0.67	1.04	1120	72.2	18,181	1412		44,108
3/2/2012	84.00	29.7	0.75	1.16	1110	64.5	15,972	1150		39,103
3/3/2012	102.00	30.5	0.70	1.08	1270	80.7	20,544	1126	6,574	55,860
3/4/2012	82.00	28.6	0.66	1.02	1050	83.9	20,008	1202		48,077
3/5/2012	86.00	27.3	0.63	0.97	1130	82.6	18,791	1276		50,878
3/6/2012	77.00	28.7	0.66	1.02	1110	77.2	18,488	1257	6,919	46,739
3/7/2012	75.60	29.2	0.67	1.04	1020	57.8	14,092	1138	6,359	32,190
3/8/2012	76.60	28.6	0.67	1.04	961	52.5	12,533	1010.7	5,648	27,565
3/9/2012	81.00	28.7	0.68	1.05	945	54.8	13,127	1046.7	5,936	28,305
3/10/2012	90.00	28.2	0.67	1.04	1050	72.4	17,048	1110.7	6,206	41,494
3/11/2012	73.00	28.1	0.67	1.04	1070	70.4	16,517	988	5,521	41,108
3/12/2012	91.00	25.8	0.63	0.97	1080	86	18,536	1458	7,661	50,650
3/13/2012	100.00	28.3	0.68	1.05	1100	81.7	19,300	1404	7,962	49,037
3/14/2012	81.00	30.8	0.67	1.04	1020	68.26	17,553	1346.7	7,525	38,015
3/15/2012	122.00	30.7	0.67	1.04	1490	179.73	45,964	3180.7	17,773	145,710
3/16/2012	249.00	31.4	0.84	1.30	2250	251.2	65,831	4088.6	28,643	307,134
3/17/2012	218.00	33.1	0.71	1.10	1790	187.9	51,850	2384	14,117	182,842
3/18/2012	153.70	29.9	0.65	1.01	1460	126.5	31,556	2379	12,897	100,483
3/19/2012	172.00	29.1	0.64	0.99	1740	156.1	37,832	2612	13,942	147,584
3/20/2012	147.00	28.19	0.67	1.04	1270	155.7	36,610	2804	15,668	107,731
3/21/2012	612.00	29.42	0.68	1.05	1200	273.4	67,080	5252	29,785	178,860
3/22/2012	189.69	29.42	0.68	1.05	1280	197.7	48,503	3663	20,774	137,878
3/23/2012	229.00	29.30	0.70	1.08	1145	226.9	55,446	4319	25,214	141,742
3/24/2012	212.50	28.92	0.69	1.07	1030	304.7	73,479	4910	28,255	171,394
3/25/2012	354.00	28.92	0.66	1.02	1110	370.4	89,322	4499	24,764	224,250
3/26/2012	393.00	28.10	0.67	1.04	1040	521.1	122,122	9282	51,866	295,837
3/27/2012	534.00	27.54	0.65	1.01	961	702.9	161,445	11454	62,092	368,934
3/28/2012	816.00	28.64	0.68	1.05	1220	1224.6	292,454	23125	131,147	814,369
3/29/2012	1351.00	26.53	0.63	0.97	1870	624.93	138,293	15205	79,890	634,649
3/30/2012	1392.00	34.66	2.46	3.81	1910	568.53	164,318	7433	152,498	599,150
3/31/2012	821.00	30.80	1.34	2.07	1650	1317.5	338,396	10775	120,417	1,190,010
DAILY MAX	1392	34.66	2.46	3.81	2,250	1317.5	338,396	23,125	152,498	1,190,010
AVERAGE	295	29.27	0.76	1.17	1,273	270.8	66,490	4,332	29,821	204,570